

# EUROPEAN PATENT OFFICE

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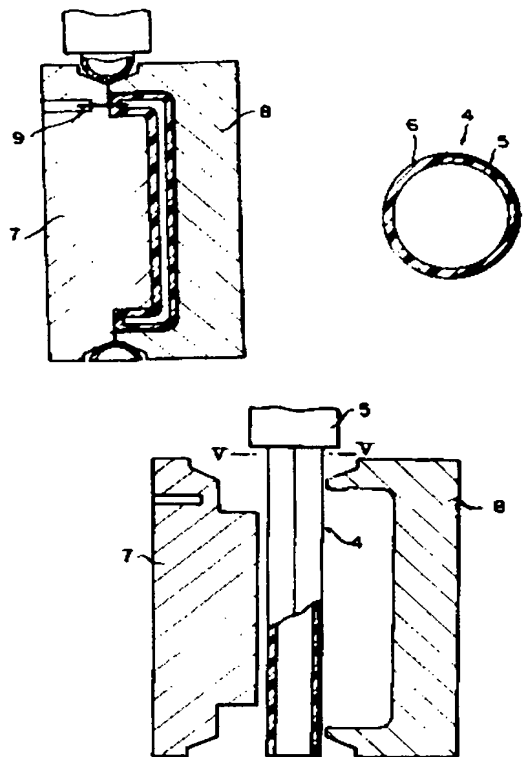
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APPLICANT : KYORAKU CO LTD;

INVENTOR : NAKAYAMA KAORU;

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TITLE : BLOW MOLDING AND MANUFACTURE  
THEREOF



**ABSTRACT :** PURPOSE: To obtain a blow-molding excellent in the appearance of its outer surface by a method in which the main layer of polyolefin series resin and the skin layer of ionomer resin are together formed into a blow molding along the metal dies cavity of a combination extruder.

CONSTITUTION: Olefin series resin and ionomer are respectively fused and kneaded by a separate extruder and then both materials are supplied to a combination extruding dies and is extruded as a parison 4 from an extruding head 5. Then, only at the front surface of the outer wall on the parison 4 product, the outside circular part thereof is made of ionomer and the other part of the parison is made of olefin series resin 6. Such parison 4 is placed between forces 7 and 8, and after the forces 7 and 8 are closed, the parison 4 is supplied with compressed air by a blowing needle 9 and is expanded and formed in the forces 7, 8. Next, the formed product is cooled by cooling the dies 7, 8. Then, the forces 7, 8 are opened and the product is taken out. Thus, the product is obtained by removing its remaining burr.

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